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**Rantanen et al.**(10) **Pub. No.: US 2014/0328187 A1**(43) **Pub. Date: Nov. 6, 2014**(54) **NETWORK CONNECTIVITY MANAGEMENT  
IN WIRELESS APPARATUS****Publication Classification**(75) Inventors: **Tommi Rantanen**, Tampere (FI); **Mikko Tasa**, Tampere (FI); **Ville Leva**, Tampere (FI); **Anssi Niemi**, Tampere (FI); **Markku Ala-Vannesluoma**, Kangasala (FI)(51) **Int. Cl.**  
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A method, apparatus, and computer program for managing network connectivity are disclosed. After successfully establishing a radio connection with an access point, a wireless apparatus using the radio connection to access a network beyond the access point is configured to carry out a network connection test. If the network connection test fails, the access point is blacklisted for a determined time period defined by a timer counted in the wireless apparatus.

